Original/Duplicate/Triplicate
CONTRACT CERTIFICATE

(For Other Works)

No 2nd and final bill Date.....2019.

Division: **BBMP / YNK** Sub-Division: **BBMP, Byatarayanapura,**

Bill Received No. Dated Divisional Cash Book Voucher No..... Dated.....

Sub Divisional **Work Code : 006-18-000056, 006-18-000057, 006-18-000059**

Schedule Docket No. Head of Account: 2111 Est.Cost: **200.00** Lakhs B.R.No. :

Name of Work : Package-1, includes 3 works of Rs.200.00 lakhs 1) Improvements to Road and Drain at Sadiq Layout (Defence Layout) in Ward No. 06 Byatarayanapura Sub Division. 2) Improvements to Roads and Drains at Manjunathnagara in Ward No. 06 Byatarayanapura Sub Division. 3) Improvements of Drains and RCC Culverts at Hegadenagar 9th Cross to 13th Cross in Ward no 06 Byatarayanapura Sub Division.

Name of Contractor and Full Address: Sri. M Venkatesh, Chikkanahalli, Vijayapura Bangalore Rural 562135

Reference to Agreement No. EE/BTP / **W.O/ 61 /2018-19.** Date: 23-07-2018.

Certified that the measurements were taken by me on 22/2/19...and recorded of Pages 4263.44.. To 4263.52... of measurement **Book No...4268....** and that the work is satisfactorily executed.

Contractor **Officer-in-charge of work.**

Certified that the measurement were taken by me on 22/2/2019 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

II Memorandum of Payment

1)	Total value of work done or supplies made as per account within	Total bill Amount 2017164:00
2)	Deduct amount to be held in reserve being .....percent Rs.....	1st & part 1534595:00
3)	" Balance	2nd present bill 482456 9:00
4)	Deduct Payment:	
	a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No..... adjusted towards cash advance recovery of	
	b) Payments Now made } cost store or other material supplied. recovery of amount creditable to this/other work Amount paid on this bill Cheque / Cash.	IT 48246:00 CGST 43077:00 SGST 43077:00 Cess 48246:00 CBF 4825:00 Royalty 73590:00 T.D 261061:00
5)	Balance being unpaid value of work done held in reserve.	
6)	Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.	
7)	Net amount due to or from Contractor unadjustments items.	
8)	Advance to Contractor for materials brought to site (as detailed) within.	
9)	Value of Government materials supplied.	
	Total amount adjusted -	Net 4563508:00

Contractor's Signature

Received Rs..... (in words).....

.....

by cash and by adjustment of Payment as per memorandum

(in final settlement of all demands)

Witness
1.
2.

Dated Signature of Contractor

Paid by me by Cheque No.....Dated.....

Cash Rs.....

Dated.....

Initials of Officer making payment

Stamp

(For use in the Office)

4824569:00

26106/:00

4563508

Executive Engineer

20/05

sl no	Description of work	Unit
1	Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface levelled and sides neately dressed, the disposed earth to be levelled neatly after breaking clods complete as per specification. and as per the directions of the Engineer-in-charge of the work .	Cum
2	Providing granite slabs of selected quality roughly dressed having a size of 7.5cms thick and fixed in cement mortar (1:2) includling fixing curing etc and as per specifications and as per the direction of Engineer in charge of the work.	Sqm
3	Excavation for roadwork in soil with hydraulic excavator of 0.90 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to embankment location and complete as per specifications. and as per the directions of the Engineer	Cum
4	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.892 cum and fine aggregates @ 0.465 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. and as per the direction of Engineer in charge	Cum
5	Cement concrete pavement.Construction of un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 design mix M20/M30 , with 25mm and down size graded granite metal coarse aggregates and fine aggregtes , with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 , mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades as per drawing complete as per specifications. and as per the direction of Engineer in charge of the work.	Cum
6	Vaccum de-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator, HOM of machinery, Screed Vibratory, Power Floater, blade and disc etc., with all lead and lift. and as per the direction of Engineer in charge of the work.	Sqm
7	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechaniqal mix plant carriage ' of mixed Material by tipper to site, laying in uniform layers with paver in sub- base/ base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. and as per the directions of the Engineer-in-charge of the work .	Cum
8	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications and as per the directions of the Engineer-in-charge of the work.	Sqm
9	Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatement including cost of all materials, labour, HOM of machineries complete as per specifications. and as per the directions of the Engineer-in-charge of the work.	Sqm
10	Providing and applying tack coat using 80/100 grade bitumen (VG10) on prepared black topped surfaces at 2.5 Kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications and as per the direction of Engineer	Sqm
11	Providing and laying bituminous concrete 40 mm compacted thickness with VG30 Bitumen grade using 40-60 HMP using crushed aggregates of grading II, premixed with bituminous binder at 6% of mix and filler, transporting the hot mix to work site, laying with a mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRT&H specification and as per the directions of the Engineer-in-charge of the work	Cum
12	Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. and as per the directions of the Engineer-in-charge of the work .	Sqm
13	Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300- 2 complete as per specifications.(Including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of proctors density) MORTH Specification and as per the direction of Engineer in charge of the work.	Cum
		TOTA

Certificates:

1 The above work is done satisfactorily and complete in all respect.
2 There is no department Material issue for the above work.
3 This works comes under BBMP Limit.

Previous		Present Measurement			Total up-to date		Rem
Qty	cost	Qty	Rate	Cost	Qty	cost	
752.1	335402.6	306.23	191.43	58622.00	2058.32	394024.59	
50.7	261490.3	843.21	745.56	628664.00	1193.94	890154.26	
92.1	236729.3	108.09	148.69	16072.00	1700.19	252801.35	
35.9	1712712.5	83.47	5990.60	500035.00	369.37	2212747.54	
51.1	2166410.4	94.11	6170.00	580659.00	445.23	2747069.40	
36.0	303025.5	627.39	106.85	67037.00	3463.38	370062.53	
33.3	2541254.8	718.310	1980.25	1422433.00	2001.61	3963687.83	
.0	0.0	—	30.90	0.00	0.00	0.00	
22.0	73770.4	1222.50	3.56	4352.00	21944.53	78122.43	
41.3	286553.1	3875.64	13.06	50616.00	25816.92	337169.12	
9.7	6979504.4	155.03	7934.05	1230016.00	1034.72	8209520.44	
9.9	449748.2	125.76	607.85	76443.00	865.66	526191.22	
	0.0	529.02	358.50	189654.00	529.02	189654.00	
	15346595.0			4824569		20171164	

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24